

Title (en)

Method and apparatus for automatic load-balancing on multisegment devices

Title (de)

Verfahren und Vorrichtung zum automatischen Lastausgleich in Mehrfachsegment-Einrichtungen

Title (fr)

Procédé et appareil d'équilibrage de charge de dispositifs à segments multiples

Publication

**EP 1309129 A3 20060405 (EN)**

Application

**EP 02080440 A 19971007**

Priority

- EP 97307964 A 19971007
- US 73894096 A 19961024

Abstract (en)

[origin: EP0838922A1] Automatic load-balancing provides a decision-making process that includes intelligent automatic detection of when a given load-balancing activation currently would not be beneficial, thereby keeping the user's network from being unnecessarily disturbed when no real benefit would be gained; a process to undo a prior load-balancing that can be activated when users have accidentally selected a feature which could substantially change their network configurations; and an extensive intelligent port-distribution algorithm that improves the network load by moving the right ports to new segments. <IMAGE>

IPC 8 full level

**H04L 12/44** (2006.01); **H04L 12/24** (2006.01); **H04L 12/56** (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP US)

**H04L 41/046** (2013.01 - EP US); **H04L 41/0823** (2013.01 - EP US); **H04L 41/0853** (2013.01 - EP US); **H04L 41/0863** (2013.01 - EP US); **H04L 41/0896** (2013.01 - US); **H04L 47/10** (2013.01 - US); **H04L 47/125** (2013.01 - EP US); **H04L 47/13** (2013.01 - EP US); **H04L 49/351** (2013.01 - EP US); **H04L 41/0886** (2013.01 - EP US)

Citation (search report)

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- [Y] US 5432907 A 19950711 - PICAZO JR JOSE J [US], et al
- [Y] EP 0460843 A2 19911211 - AMERICAN TELEPHONE & TELEGRAPH [US]

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Designated contracting state (EPC)

DE FR GB

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**EP 0838922 A1 19980429**; EP 1309129 A2 20030507; EP 1309129 A3 20060405; JP 4021017 B2 20071212; JP H10136008 A 19980522; US 2002126622 A1 20020912; US 6345041 B1 20020205; US 7085234 B2 20060801

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**EP 97307964 A 19971007**; EP 02080440 A 19971007; JP 28814297 A 19971021; US 3857902 A 20020108; US 73894096 A 19961024